

L5 ANSWER 11 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1987:156466 CAPLUS <<LOGINID::20061205>>
 DOCUMENT NUMBER: 106:156466
 TITLE: Preparation of 2-arylimidazole derivatives as
 cardiovasclar agents
 INVENTOR(S): Mueller, Erich; Haeuel, Norbert; Noll, Klaus; Narr,
 Berthold; Heider, Joachim; Psiorz, Manfred; Bomhard,
 Andreas; Meel, Van Jacques; Diederer, Willi
 PATENT ASSIGNEE(S): Thomae, Dr. Karl, G.m.b.H., Fed. Rep. Ger.
 SOURCE: Ger. Offen., 29 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3522230	A1	19870102	DE 1985-3522230	19850621
EP 209707	A2	19870128	EP 1986-107969	19860611
EP 209707	A3	19890201		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
FI 8602623	A	19861222	FI 1986-2623	19860619
DK 8602909	A	19861222	DK 1986-2909	19860620
NO 8602477	A	19861222	NO 1986-2477	19860620
AU 8658932	A1	19861224	AU 1986-58932	19860620
JP 62000471	A2	19870106	JP 1986-144658	19860620
HU 42452	A2	19870728	HU 1986-2615	19860620
ES 556338	A1	19871201	ES 1986-556338	19860620
ZA 8604602	A	19880224	ZA 1986-4602	19860620
ES 557240	A1	19870516	ES 1986-557240	19861204
ES 557241	A1	19870516	ES 1986-557241	19861204
			DE 1985-3522230	A 19850621

PRIORITY APPLN. INFO.:

OTHER SOURCE(S): CASREACT 106:156466; MARPAT 106:156466

GI For diagram(s), see printed CA Issue.

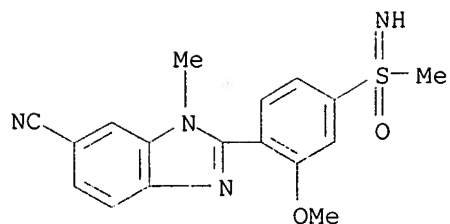
AB The title compds. [I; R1 = H, alkyl; R2 = (substituted) Ph, naphthyl; A = fused (substituted) naphtho, benzo, pyrido, pyrimido ring] were prepared as cardiovascular agents. 2,4-MeO(MeSO₂NH)C₆H₃CO₂H cyclocondensed with 3,4-(H₂N)2C₆H₃CN to give phenylbenzimidazolecarbonitrile II. In cats 0.6 mg II/kg i.v. reduced blood pressure 40 mm Hg.

IT 107238-40-4P 107254-30-8P 107254-40-0P
 107254-41-1P 107254-45-5P 107254-48-8P
 107254-51-3P 107254-55-7P 107254-56-8P
 107254-60-4P 107254-64-8P 107254-70-6P
 107254-71-7P 107254-72-8P 107284-98-0P
 107284-99-1P 107285-00-7P 107285-01-8P
 107285-02-9P 107285-03-0P 107310-58-7P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of, as antihypertensive and antithrombotic)

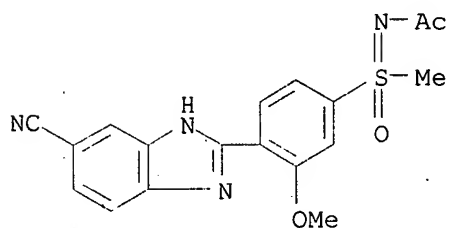
RN 107238-40-4 CAPLUS

CN 1H-Benzimidazole-6-carbonitrile, 2-[2-methoxy-4-(S-methylsulfonimidoyl)phenyl]-1-methyl- (9CI) (CA INDEX NAME)



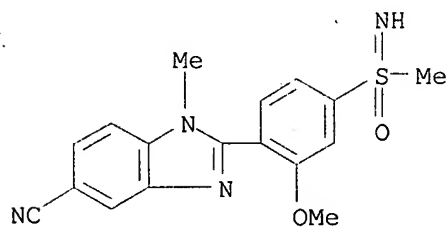
RN 107254-30-8 CAPLUS

CN 1H-Benzimidazole-5-carbonitrile, 2-[4-(N-acetyl-S-methylsulfonyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)



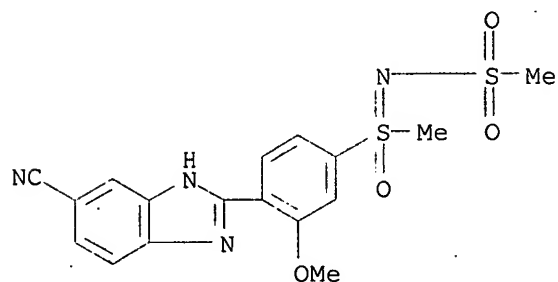
RN 107254-40-0 CAPLUS

CN 1H-Benzimidazole-5-carbonitrile, 2-[2-methoxy-4-(S-methylsulfonyl)phenyl]-1-methyl- (9CI) (CA INDEX NAME)

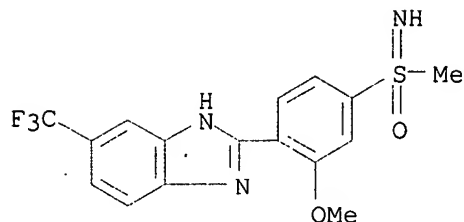


RN 107254-41-1 CAPLUS

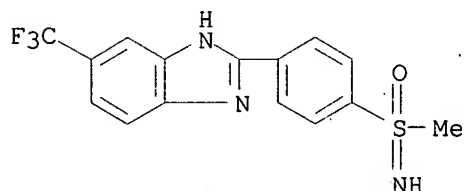
CN 1H-Benzimidazole-5-carbonitrile, 2-[2-methoxy-4-[S-methyl-N-(methylsulfonyl)sulfonyl]phenyl]- (9CI) (CA INDEX NAME)



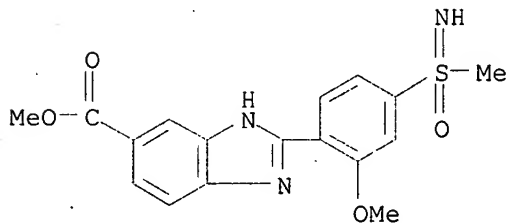
RN 107254-45-5 CAPLUS
CN Sulfoximine, S-[3-methoxy-4-[5-(trifluoromethyl)-1H-benzimidazol-2-yl]phenyl]-S-methyl- (9CI) (CA INDEX NAME)



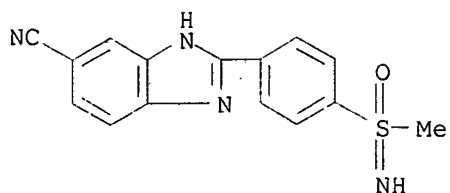
RN 107254-48-8 CAPLUS
CN Sulfoximine, S-methyl-S-[4-[5-(trifluoromethyl)-1H-benzimidazol-2-yl]phenyl]- (9CI) (CA INDEX NAME)



RN 107254-51-3 CAPLUS
CN 1H-Benzimidazole-5-carboxylic acid, 2-[2-methoxy-4-(S-methylsulfonylimidoyl)phenyl]-, methyl ester (9CI) (CA INDEX NAME)

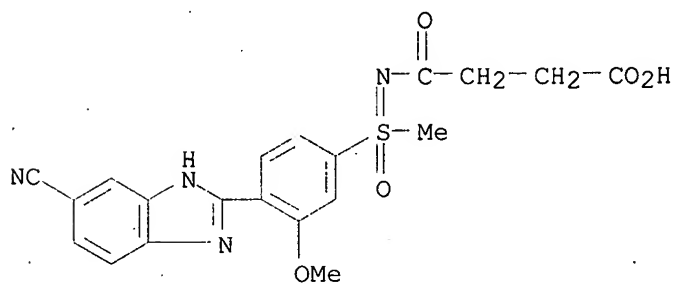


RN 107254-55-7 CAPLUS
CN 1H-Benzimidazole-5-carbonitrile, 2-[4-(S-methylsulfonylimidoyl)phenyl]- (9CI) (CA INDEX NAME)



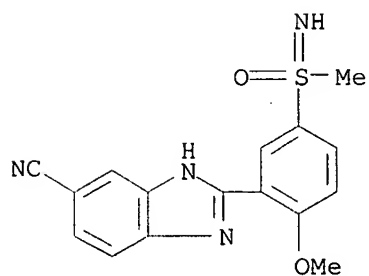
RN 107254-56-8 CAPLUS

CN 1H-Benzimidazole-5-carbonitrile, 2-[4-[N-(3-carboxy-1-oxopropyl)-S-methylsulfonyl]-2-methoxyphenyl]- (9CI) (CA INDEX NAME)



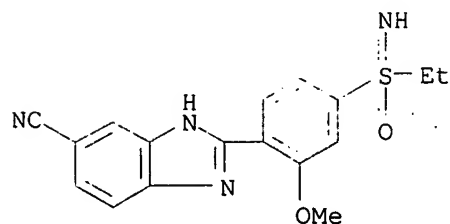
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CN 1H-Benzimidazole-5-carbonitrile, 2-[2-methoxy-5-(S-methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

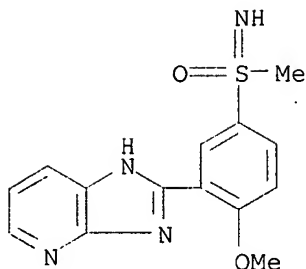


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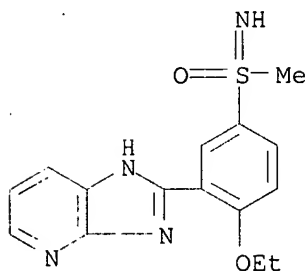
CN 1H-Benzimidazole-5-carbonitrile, 2-[4-(S-ethylsulfonyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)



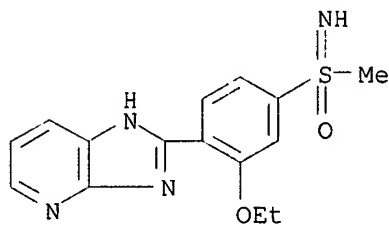
RN 107254-70-6 CAPLUS
CN Sulfoximine, S-[3-(1H-imidazo[4,5-b]pyridin-2-yl)-4-methoxyphenyl]-S-methyl- (9CI) (CA INDEX NAME)



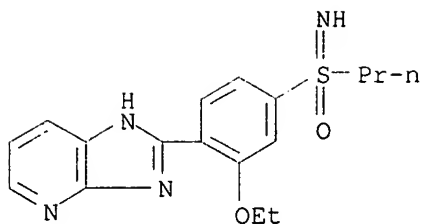
RN 107254-71-7 CAPLUS
CN Sulfoximine, S-[4-ethoxy-3-(1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-S-methyl- (9CI) (CA INDEX NAME)



RN 107254-72-8 CAPLUS
CN Sulfoximine, S-[3-ethoxy-4-(1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-S-methyl- (9CI) (CA INDEX NAME)

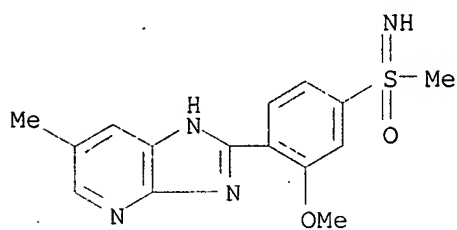


RN 107284-98-0 CAPLUS
CN Sulfoximine, S-[3-ethoxy-4-(1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-S-propyl- (9CI) (CA INDEX NAME)



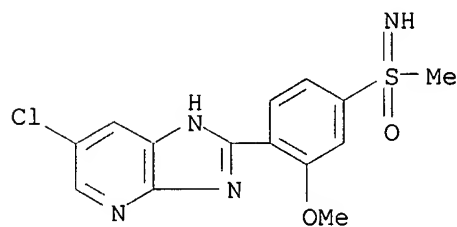
RN 107284-99-1 CAPLUS

CN Sulfoximine, S-[3-methoxy-4-(6-methyl-1H-imidazo[4,5-b]pyridin-2-yl)phenyl]-S-methyl- (9CI) (CA INDEX NAME)



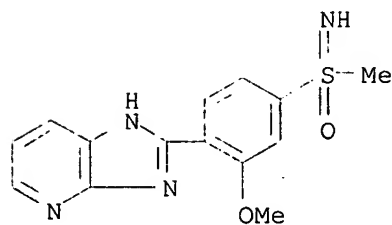
RN 107285-00-7 CAPLUS

CN Sulfoximine, S-[4-(6-chloro-1H-imidazo[4,5-b]pyridin-2-yl)-3-methoxyphenyl]-S-methyl- (9CI) (CA INDEX NAME)

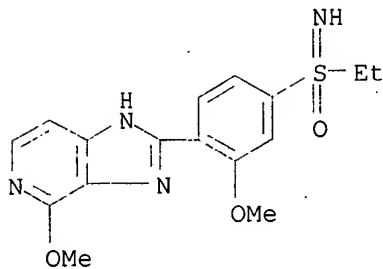


RN 107285-01-8 CAPLUS

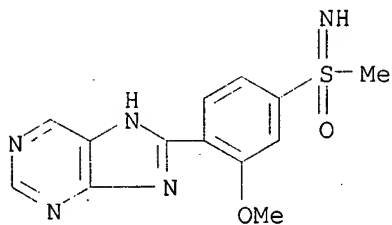
CN Sulfoximine, S-[4-(1H-imidazo[4,5-b]pyridin-2-yl)-3-methoxyphenyl]-S-methyl- (9CI) (CA INDEX NAME)



RN 107285-02-9 CAPLUS
CN Sulfoximine, S-ethyl-S-[3-methoxy-4-(4-methoxy-1H-imidazo[4,5-c]pyridin-2-yl)phenyl]- (9CI) (CA INDEX NAME)



RN 107285-03-0 CAPLUS
CN Sulfoximine, S-[3-methoxy-4-(1H-purin-8-yl)phenyl]-S-methyl- (9CI) (CA INDEX NAME)

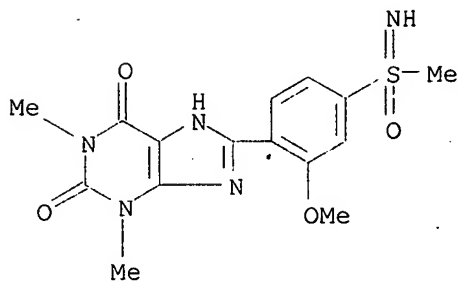


RN 107310-58-7 CAPLUS
CN Benzenesulfonic acid, 2,4,6-trimethyl-, compd. with 3,7-dihydro-8-[2-methoxy-4-(S-methylsulfonylimidoyl)phenyl]-1,3-dimethyl-1H-purine-2,6-dione (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 107310-57-6

CMF C15 H17 N5 O4 S



CM 2

CRN 3453-83-6

CMF C9 H12 O3 S

